

Title (en)
EMERGENCY LIGHTING DRIVER WITH PROGRAMMABLE OUTPUT POWER

Title (de)
NOTBELEUCHTUNGSTREIBER MIT PROGRAMMIERBARER AUSGANGSLEISTUNG

Title (fr)
CIRCUIT DE COMMANDE D'ÉCLAIRAGE D'URGENCE À PUISSANCE DE SORTIE PROGRAMMABLE

Publication
EP 3143842 B1 20190814 (EN)

Application
EP 15727463 A 20150428

Priority
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• IB 2015053072 W 20150428

Abstract (en)
[origin: WO2015173680A1] An emergency lighting driver (100, 200, 400) includes: a power translation circuit (120, 220, 421/423/425) which receives input power from an emergency power source (10) and supplies output power to a load (20); and a programmable control device (140, 240) which controls the power translation circuit in response to a voltage feedback signal and a current feedback signal to cause the output power supplied to the load to have a programmed power output profile (302, 304), wherein the programmed power output profile is a function of time, temperature, the type of energy source employed for the emergency power source, the amount of remaining energy stored in the emergency power source, and/or the occupancy of an area in which the emergency lighting driver is located.

IPC 8 full level
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CPC (source: CN EP US)
H02J 9/061 (2013.01 - US); **H05B 45/14** (2020.01 - CN); **H05B 45/325** (2020.01 - CN EP US); **H05B 45/37** (2020.01 - CN EP US); **H05B 47/105** (2020.01 - CN EP US); **H05B 47/19** (2020.01 - CN EP US); **H05B 47/20** (2020.01 - EP); **F21S 9/022** (2013.01 - US); **F21Y 2115/10** (2016.07 - US); **H05B 45/56** (2020.01 - CN EP US); **H05B 47/115** (2020.01 - CN EP US)

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